

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.).....

E..... I..... E-I..... GR..... GR-N..... Micro.....

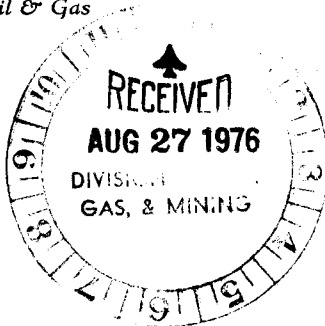
Lat..... Mi-L..... Sonic..... Others.....

CDW

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958



August 23, 1976

Re: Westwater Federal Well
No. M-12. Sec.11, T17S,
R23E, Grand County, Utah

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are enclosing a copy of the Application for Permit to Drill the above referenced well in the Westwater area. We anticipate beginning operations with this area between September 15 and September 30, 1976. Should you need any additional information or have any questions, please contact me at (303) 245-1958 or residence (303) 243-9599.

Very truly yours,

John I. Gordon

JIG/jlb
Enclosure

cc: Mr. Willard H. Pease

Prod. well
SELL -10-17S-23E
1305' FSL
1671' FEZ

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒RECEIVED
AUG 27 1976
GAS, & MINING

2. NAME OF OPERATOR

Wildcat Pease Oil & Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1194' FSL, 1336' FWL, Sec. 11, T17S, R23E, Grand County, Utah

At proposed prod. zone

See corrected

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 43 miles NW of Fruita, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 1194'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

7215'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, BT, GR, etc.)

7365' G.L.

22. APPROX. DATE WORK WILL START*

September 15, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	Cement to Surface w/Req + 2%CaCl ₂
8 3/4"	7"	20#	2800'	100 Sx Regular
6 1/2"	4 1/2"	10.5#+11.6#	7215'	250 Sx 50-50 Pozmix

We propose to rig up and drill a 12-1/4" hole to approximately 200 ft. and set 9-5/8"-36# new K-55 Range 2 (30 ft. joints) surface casing. After nipping up, the surface casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and an 8-3/4" hole will be drilled to about 2800 ft. using a water-base chemical-gel mud. A 7"-20# new K-55 Range 2 intermediate casing string will be run and cemented. After nipping up, the casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and a 6-1/4" hole will be drilled to about 7215 ft. using air as the drilling fluid. Should the well be productive, 4-1/2"-10.5# and 11.6# new K-55 Range 2 casing will be run and cemented. It will then be perforated, tested, and stimulated if necessary. If the well is non-productive, permission will be secured and the well plugged and abandoned. Potentially productive intervals are the Dakota, Cedar Mountain, Morrison, and Entrada formations. Wellhead equipment will consist of 2000 psi working pressure, 4000 psi test pressure Hinderlighter equipment or equivalent. Blowout prevention equipment will consist of a Shaffer 10" Series 900 flanged tandem stacked double ram hydraulic actuated type with an accumulator and controls for off the IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

John D. Jordan

TITLE Consulting Engineer

DATE 8-20-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

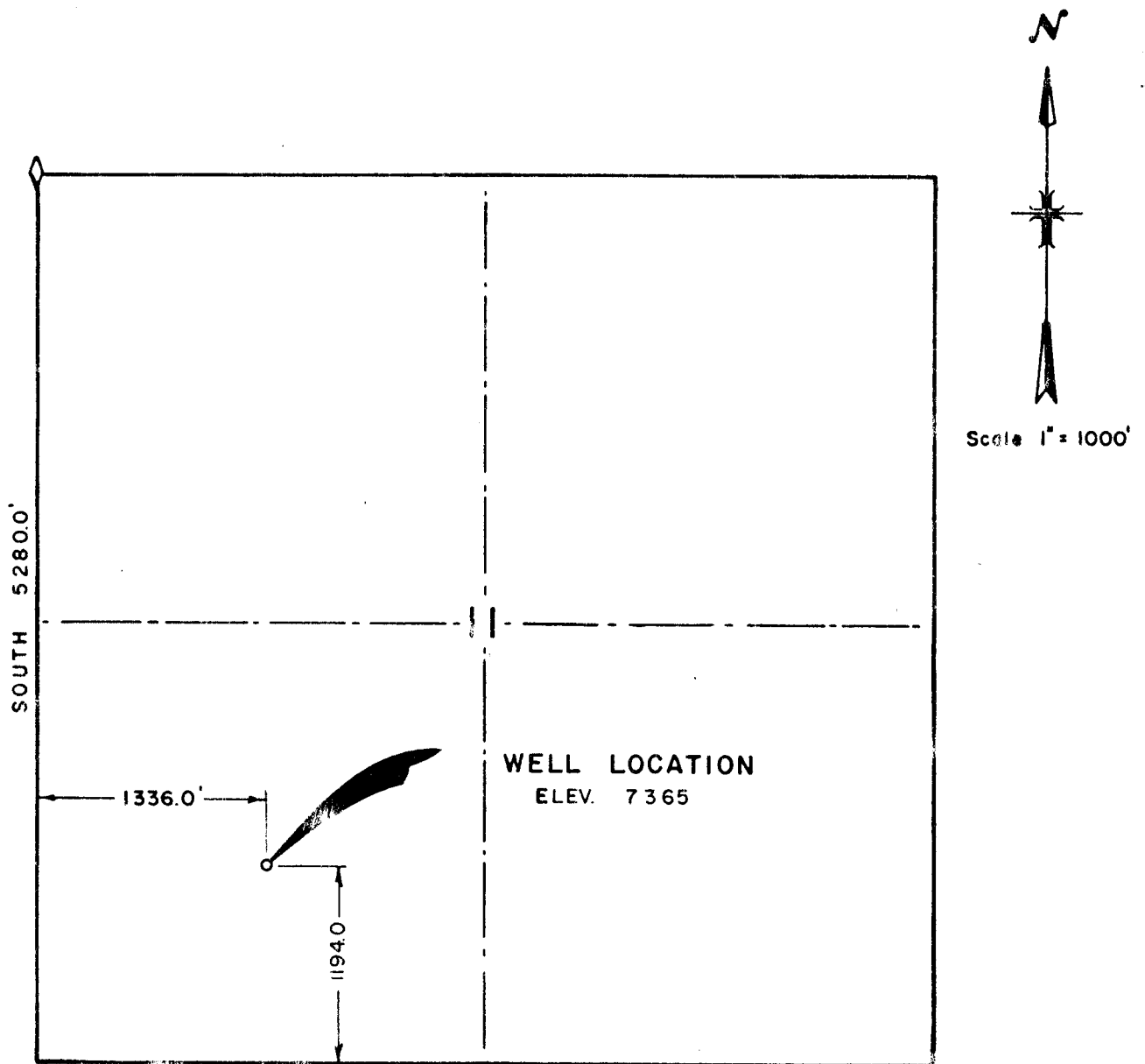
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

WELL LOCATION
 1336.0 FT. W.E.L-1194.0 FT. N.S.L.
 SECTION 11, T17 S R23 E SL.B&M.



I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on August 5, 1976.

David L. Bear
 Registered Land Surveyor

WESTERN ENGINEERS, INC.
 WELL LOCATION
 WILLARD PEASE OIL & GAS CO.
 WESTWATER FED. M-12
 GRAND COUNTY, UTAH
 SURVEYED L.V. DRAWN G.L.A.
 GRAND JUNCTION, COLO. 8/9/76

9-1-76

SUMM. OF ENVIRONMENTAL IMPACT EVALUATION

#251

Willard Pease Oil & Gas

M-12

Sec 11-17s-23E

SL-071892

Grand County Utah

BLM - Naegly

USGS - ALEXANDER

Pease - Gordon

19 Enhance

☐ No effect

Minor Impact

☒ Major Impact

Willard Pease Unit O-G-M		Construction				Pollution				Drilling Production				Transport Operations		Accidents		Other		
# M-12 Sec 11-17s-23E SL-071892 Grand County Utah BLM - Naeqly USGS - ALEXANDER Pease - Gordon Enhance No Effect Minor Impact Major Impact		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
Land Use	Forestry	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Grazing	✓	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Wilderness	NA																		
	Agriculture	NA																		
	Residential-Commercial	NA																		
	Mineral Extraction	NA																		
	Recreation	✓	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Scenic Views	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Parks, Reserves, Monuments	NA																		
	Historical Sites	NA																		
Flora & Fauna	Unique Physical Features	NA																		
	Birds	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Land Animals	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Fish	NA																		
	Endangered Species	NONE KNOWN																		
	Trees, Grass, Etc.	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Phy. Character.	Surface Water	NA																		
	Underground Water	?																		
	Air Quality	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Erosion	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Other																			
	Effect On Local Economy	0	0							0						0				
Safety & Health						/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	✓					/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Others		orig - FILE cc - BLM - M-03 w/ MATRIX Regional MGR - DRA, UTAH STATE O-G-M																		

Lease

SL 071892

Well No. & Location

m-12 Sec 11 - 17s - 23E

Grand County Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- 1.) Willard Pease Oil & Gas Proposes to drill a wildcat gas test well w/ rotary tools to approx 7200'
- 2.) proposes to construct a drill pad 200' x 250' including a 40' x 60' x 10' reserve pit.
- 3.) No new access road will be required, However, existing trail to be used will need major improvement for about 7 miles.

2. Location and Natural Setting (existing environmental situation)

The location falls on a relatively flat mountain top at the head of West Water creek within the West Water gas field. The existing trail to the location is very steep w/ 39% grades in some spots. The road will need considerable upgrading.

The vegetation is pinon-juniper, sagebrush, and assorted native grasses.

The wildlife is the usual Elk, Deer, small mammals and birds. There are no known endangered species.

There are no known Historical Sites that would be effected and no evidence of archeological sites was noted.

→ The original road was constructed for access to a well site about 10 yrs ago. The road follows a stream bed in the canyon bottom for about 3 miles. Over the years, water in this stream bed has badly eroded the road leaving ledge rock exposed 18" to 24" in approx 4 places. Upon leaving the stream bed the road ~~leaves the~~ climbs the steep canyon walls w/ grade of 10 to 39%. It was determined by this inspector and the BLM rep. that the ~~the~~ blasting and cut required to reduce the grade would cause more serious degradation than allowing the steep grades.

3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of a gas deposit would have moderate effect in that the character of the area would be changed. If a discovery is made careful planning would be required to avoid serious degradation.

The improvement of the roads would benefit the grazing and recreation use of the land in that it would be more accessible. There would be moderate scarring of the land in which would require 2 to 5 years to rehab completely.

The drilling and associated traffic would add a minor amount of pollution to the air as well as temporarily disturbing livestock & wildlife. There would be potential for minor induced and accelerated erosion due to surface disturbance and support traffic.

4. Alternatives to the Proposed Action

Not Approving the proposed permit.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened.
Therefore, the location was moved approx 60' North to avoid steep drop off.

5. Adverse

Avoided

Temporary disturbance of Livestock & wild life.

Temporary mess due to drilling activity and reguiring about 2 to 3 years to rehab.

Detraction from the aesthetics.

Minor air pollution due to rig exhaust and support traffic.

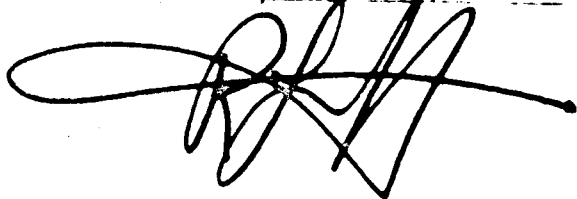
Potential for minor induced & accelerated erosion due to surface disturbance for drill site and support traffic use.

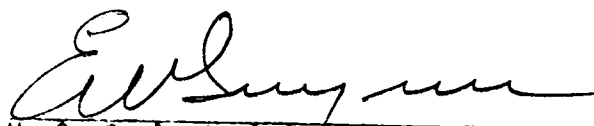
Determination

(This requested action ~~does~~ (does Not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c)).

Date Inspected

9-2-76.




U. S. Geological Survey

September 8, 1976

Re: Stipulation

District Oil and Gas Engineer
United States Geological Survey
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

Dear Sir:

The Westwater Joint Venture is the owner of U.S. Oil and Gas Lease SL-071892, and proposes to drill a well on the leased premises to test for oil and gas at a location in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 11, Township 17 South, Range 23 East, SLB & M, Grand County, State of Utah, 1269 feet from the South line and 1336 feet from the West line of Section 11.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 16 feet from the Western boundary line and 51 feet from the Northern boundary line of the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 11, but is considered necessary because of topographical reasons. A location at any other site will result in more surface disturbance.

This particular area is presently under consideration for 320 acre spacing units by the State of Utah, and the spacing order should be finalized at their hearing on September 17, 1976. The Westwater Joint Venture is Lessee of Section 11 in its entirety, and the W $\frac{1}{4}$ of Section 11 will be allocated to the well. Therefore, the Westwater Joint Venture, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above described location. In consideration of such consent, the Westwater Joint Venture, Lessee, hereby expressly covenants and agrees that they will make no separate assignments of any aliquot portion of the SW $\frac{1}{4}$ of Section 11, Township 17 South, Range 23 East, SLB & M, and that they will keep the described acreage under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Very truly yours,

James A. Murphy,
Trustee

JAM/jmt

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Willard Pease Oil & Gas Co. #M-12 Federal	^{729'} 1194' FSL, 1336' FWL, sec. 11, T. 17 S., R. 23 E., SLM, Grand Co., Utah. Gr. El. 7365'	SL-071892
<p>1. Stratigraphy and Potential Oil and Gas Horizons. Well will spud in the Wasatch Formation, Tertiary Age. Oil, Inc. #C-9-10 well of sec. 10, same township, reports the following tops: Mesaverde-815', Castlegate-2063', Mancos-2717', Dakota silt-6193', Cedar Mtn.-6350', Buckhorn Ss-6394', Morrison-6460', Salt Wash Ss.-6802'. T.D. 6876'.</p> <p>2. Fresh Water Sands. WRD reports: (see page 2).</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Within the lands classified prospectively valuable for coal. Coal beds in the Mesaverde Group must be protected. Base of coal sequence at about 1340'.</p> <p>4. Possible Lost Circulation Zones. Lenticular sands of Dakota, Cedar Mtn., and Morrison Formations may possibly have lost circulation zones.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Casing will be needed to protect the coal zones of the Mesaverde.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Surface alluvium will cave, if present.</p> <p>8. Additional Logs or Samples Needed. None.</p> <p>9. References and Remarks Within Westwater KGS. USGS Bulls. 851, 852, and USGS Prof. Paper 332.</p>		
Date: September 15, 1976	Signed: <i>State Oil & Gas</i> <i>S. C. Rette for E. Pease</i>	

(D-17-23) 1 bcb

Oil Incorporated, Westwater M-8

1430' fnl, 1630' fwl, sec 1, T 17 S, R 23 E, Grand County, Utah

Elev 5931', test to 5500' in Dakota Sandstone.

Formations:

Mesa Verde Fm 0- 1500 may contain fresh water

Mancos Shale 1500- 5500 generally contains salty water in sandstones

Dakota Sandstone 5500- 5650 will contain salty water

In this area the Mesa Verde Fm is known to contain fresh water. It should be protected from contamination to below the base of the Sego Mem. The Mancos Shale and lower formations will contain salty water under artesian head.

CTS
11-7-69

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL-071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

M-12

10. FIELD AND POOL, OR WILDCAT

Westwater

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 11, T17S, R23E,

SLB&M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Willard Pease Oil and Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface1269' FSL, 1336' FWL, Sec. 11, T17S, R23E, Grand
County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7365 G.L.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Move Location

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

During the surface inspection, it was requested that the location be moved 75 ft. due North.

A corrected survey plat is attached for your files.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MININGDATE: Sept. 20, 1976BY: Ph Small

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Consulting Engineer

DATE 9-15-76

(This space for Federal or State office use)

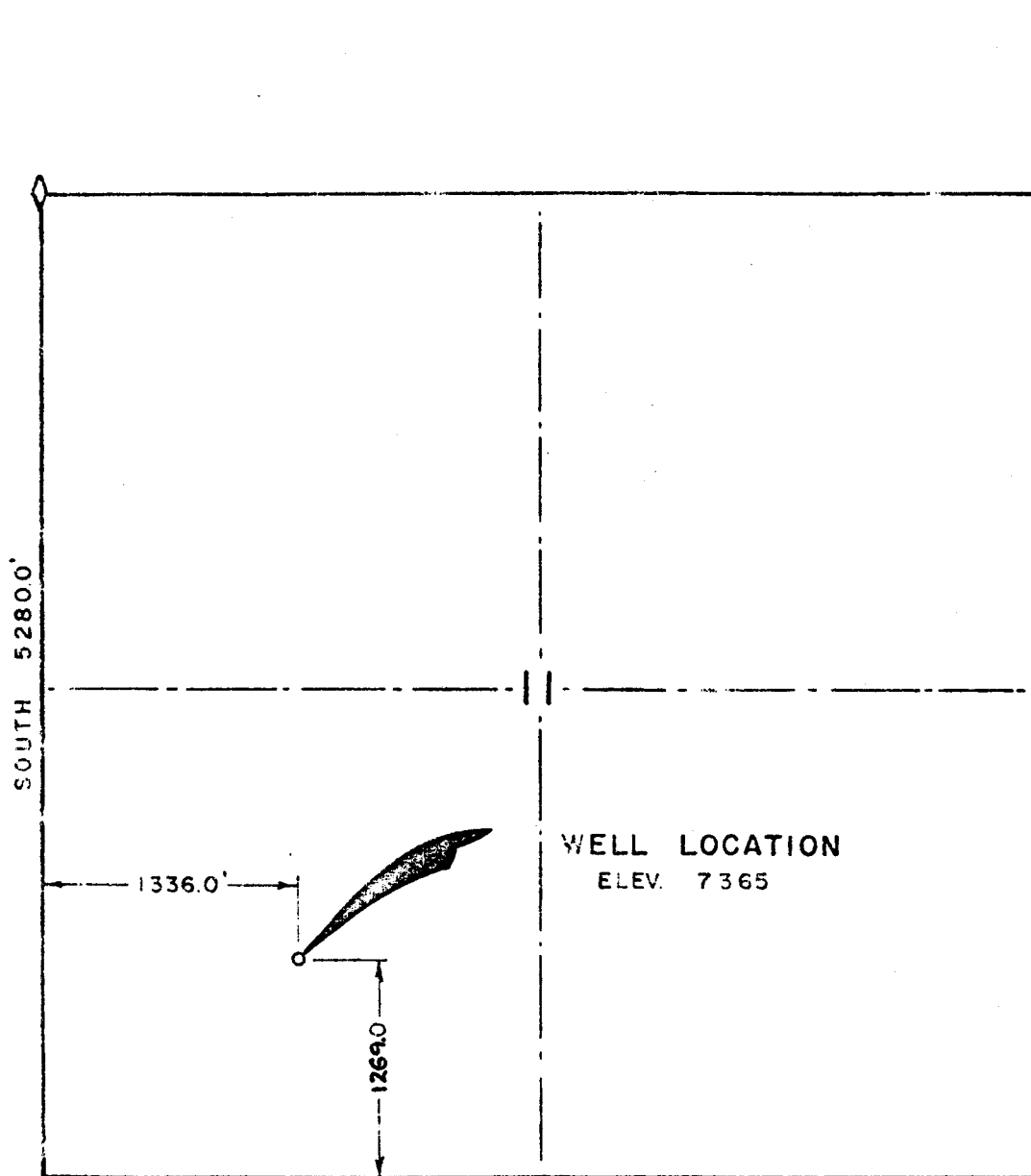
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
1336.0 FT. E.W.L. - 1269.0 FT. N.S.L.
SECTION II, T17 S R23 E SL.B.8M.



I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on August 5, 1975.

David L. Bear
Registered Land Surveyor

WESTERN ENGINEERS, INC.
WELL LOCATION
WILLARD PEASE OIL & GAS CO.
WESTWATER FED. M - 12
GRAND COUNTY, UTAH
SURVEYED L.V. DRAWN G.L.A.
GRAND JUNCTION, COLO. 8/9/75

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

October 29, 1976

RE: Willard Pease Oil & Gas Co.
Westwater Fed. Well No. M-12
SW $\frac{1}{4}$, Sec. 11, T17S, R22E
Grand County, Utah

Mr. Cleon B. Feight, Director
Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Our Application for Permit to Drill the above referenced well was submitted to your office on August 23, 1976. It is our understanding that this location is considered to be off pattern for 320 acres spacing. In order to drill a location that would be in an acceptable spacing position, a tremendous amount of additional expense would be required to construct a road and drill pad that is nearly topographically impossible.

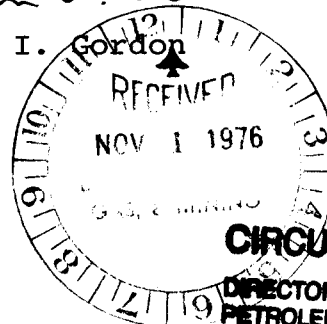
Therefore, we request that your office grant a topographical exception and approve our permit for the above referenced well. Also for your information, we are enclosing a copy of the stipulations filed with the Federal Government stating that no segregation of the acreage within the entire SW $\frac{1}{4}$, Sec. 11, will be made. Should you need additional information or have any questions please contact me at (303) 245-1958 or my residence (303) 243-9599.

Very truly yours,

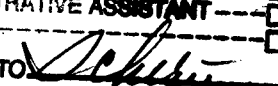

John I. Gordon

JIG/dll
Enclosure

cc: Willard Pease Oil & Gas Co.



CIRCULATE TO:

DIRECTOR	_____	<input checked="" type="checkbox"/>
PETROLEUM ENGINEER	_____	<input type="checkbox"/>
MINE COORDINATOR	_____	<input type="checkbox"/>
ADMINISTRATIVE ASSISTANT	_____	<input type="checkbox"/>
ALL	_____	<input type="checkbox"/>
RETURN TO		
FOR FILING		

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Nov. 5, 1976
Operator: Willard Pease
Well No: Westwater Federal Well M-12
Location: Sec. 11 T. 17S R. 22E County: Grand

File Prepared ☒ Entered on N.I.D. ☒
Card Indexed ☒ Completion Sheet ☒

Checked By:

Administrative Assistant: [Signature]

Remarks:

Petroleum Engineer/Mined Land Coordinator: [Signature]

Remarks:

Director: [Signature]

Remarks:

Include Within Approval Letter:

Bond Required ☐

Survey Plat Required ☐

Order No. 44-2 ☒

Blowout Prevention Equipment ☐

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site ☒

O.K. Rule C-3 ☐

O.K. In _____ Unit ☐

Other: ☐

☒ Letter Written

*Note Stipulation
attached*

November 5, 1976

Willard Pease Oil & Gas Co.
P.O. Box 3052
Grand Junction, Colorado 81501

Re: Well No. Federal M-12
Sec. 11, T. 17 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 47-2, topographic exception.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30321.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

CBF:sw
cc: U.S. Geological Survey

CIRCULATE TO:

DIRECTOR ----- ☐
PETROLEUM ENGINEER ----- ☐
MINE COORDINATOR ----- ☐
ADMINISTRATIVE ASSISTANT ----- ☒
ALL ----- ☒

RETURN TO Kathy
FOR FILING K

November 23, 1976

Memo to File:

Re: Willard Pease
Well # M-12
Sec. 11, T. 17 S, R. 23 E.
Grand Co., Utah

On November 22, 1976, Mr. John Gordon reported that the above well was spudded in at 6:00 p.m. on the 21st day of November 1976.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

2. NAME OF OPERATOR

Willard Pease Oil & Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1194' FSL, 1336' FWL, Sec. 11, T17S, R23E, Grand County, Utah

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 43 miles NW of Fruita, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1194'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

7215'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7365' G.L.

22. APPROX. DATE WORK WILL START*

September 15, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	Cement to Surface w/Reg + 2%CaCl ₂
8 3/4"	7"	20#	2800'	100 Sx Regular
6 1/4"	4 1/2"	10.5#+11.6#	7215'	250 Sx 50-50 Pozmix

We propose to rig up and drill a 12-1/4" hole to approximately 200 ft. and set 9-5/8"-36# new K-55 Range 2 (30 ft. joints) surface casing. After nipping up, the surface casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and an 8-3/4" hole will be drilled to about 2800 ft. using a water-base chemical-gel mud. A 7"-20# new K-55 Range 2 intermediate casing string will be run and cemented. After nipping up, the casing and BOP's will be pressure tested to 500 psi. The shoe will be drilled out and a 6-1/4" hole will be drilled to about 7215 ft. using air as the drilling fluid. Should the well be productive, 4-1/2"-10.5# and 11.6# new K-55 Range 2 casing will be run and cemented. It will then be perforated, tested, and stimulated if necessary. If the well is non-productive, permission will be secured and the well plugged and abandoned. Potentially productive intervals are the Dakota, Cedar Mountain, Morrison, and Entrada formations. Wellhead equipment will consist of 2000 psi working pressure, 4000 psi test pressure Hinderlighter equipment or equivalent. Blowout prevention equipment will consist of a Shaffer 10" Series 900 flanged tandem stacked double ram hydraulic actuated type with an accumulator and controls for off the IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

TITLE Consulting Engineer

DATE 8-20-76

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) E. W. Gwynn

APPROVAL DATE

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

DEC 16 1976

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Approval Notice, UTAH STATE OIL, GAS & MINING

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

• GPO 762-331

floor operation. Blind rams, 3-1/2" pipe rams, and a positive and adjustable choke will be installed. Any spools will be a 10" or 7" Series 900 flanged and any flanges will be Series 900. Operation of the BOP equipment will be checked daily, and the blind rams closed at every opportunity. Air is to be used as the drilling medium and a rotating head, a float at the bit, and a string float will be used. Other safety equipment consist of a Kelly Cock and a full opening valve on the floor. No cores are anticipated and the well will be tested continuously be air drilling. Maximum anticipated pressures will be 1200 to 1600 psig in the Dakota-Morrison group and should require no more than normal mud weights to kill the well. Logging program should consist of an IES and a FDC-CNL porosity log and the intermediate portion will not be logged unless requested to. Operations should be completed within 120 days after the date shown. Estimated Geological markers are:

Mesa Verde	Surface
Dakota	6415'
Morrison	6575'
Entrada	7215'

RECEIVED

1977

1977

1977



Seismograph Service Corporation
A SUBSIDIARY OF RAYTHEON COMPANY

Birdwell Division

WELL LOG DISTRIBUTION LIST

SSC-1059

The following distribution has been made on your Well Logs in accordance with your instructions. Birdwell will retain one (1) copy in its local files for a period of one (1) year following date logs were run. The copy will then be destroyed locally. Only authorized Birdwell employees will be permitted access to the local Log Files.

No copies of Confidential or non-released logs will be filed in Birdwell files. All Original Logs will be forwarded with print distribution.

COMPANY NAME WILLARD PEASE DRILLING COMPANY		WELL NAME M - 12	
WELL LOCATION WESTWATER		STATE UTAH	COUNTY GRAND
TYPE LOGS RUN IND.		DATE RUN 13 JANUARY 77	

DISTRIBUTION

Original Logs Mailed To: ORIGINAL LOGS AND FINALS (5) SENT TO:

WILLARD PEASE DRILLING
2415 INDUSTRIAL BLVD.
GRAND JUNCTION, COLORADO 81501

Copies Mailed To:

2 COPIES EACH TO:

POLUMBUS CORP.
3 PARK CENTRAL SUITE 200
1515 ARAPAHOE STREET
DENVER, COLORADO 80202

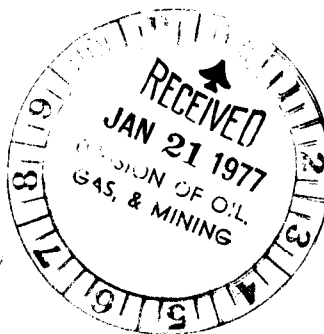
WILLARD PEASE OIL AND GAS
570 KENNECOT BLDG.
SALT LAKE CITY, UTAH 84133

ENI
1401 BANK OF CALIFORNIA
SEATTLE, WASHINGTON 98164

U.S.G.S.
OIL AND GAS DIVISION
FEDERAL BLDG.
SALT LAKE CITY, UTAH 84111

1 COPY EACH TO:

STATE OF UTAH
1588 WEST N. TEMPLE
SALT LAKE CITY, UTAH 84116



1 Copy - Station Files	STATION DISTRICT 37	DATE MAILED 20 JAN 77	SIGNATURE <i>Lris Campbell</i>
---------------------------	------------------------	--------------------------	-----------------------------------

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC.
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SL-071892	
2. NAME OF OPERATOR WILLARD PEASE OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 570 Kennecott Building, Salt Lake City, Utah 84133		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1269' FSL, 1336' FWL, Sec. 11, T17S, R23E, Grand County, Utah		8. FARM OR LEASE NAME FEDERAL	
14. PERMIT NO.		9. WELL NO. M-12	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7365' G.L.		10. FIELD AND POOL, OR WILDCAT WESTWATER	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T17S, R23E, SLB & M	
		12. COUNTY OR PARISH Grand	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other) Abandon			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded Well @ 5:00 PM 12/29/76.

Ran and cemented 171' of 10 3/4" - 40.5# Casing. Cemented to surface with 100 Sx Regular cement + 3% CaCl₂.

Ran and cemented 3048' of 7"-20# Casing. Cemented with 60 Sx Regular plus 3% CaCl₂.

Drilled to a total depth of 6608' with air or air mist. No hydrocarbons were present and water was encountered at 6608'.

Formations @:

Mesa Verde: Surface
Mancos: 2600'
Dakota: 6400'
Unable to Log below 6470'

Plugs @:

6400' - 6250': 25 Sx
3050' - 2950': 25 Sx
1235' : 35 Sx
175' - 100': 40 Sx
Surface : 15 Sx w/Regulation Marker

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: March 9, 1977

BY: P. H. Inscall

Pulled 1235' of 7" Casing.

Operations complete 1/16/77.

Verbal approval obtained from Mr. E. W. Guynn @ 4:30 PM 1/14/77.

Restoration of the surface disturbance should be completed by May 31, 1977.

18. I hereby certify that the foregoing is true and correct

SIGNED: [Signature]

TITLE: Consulting Engineer

DATE: 2/28/77

This space for Federal or State office use)

APPROVED BY: _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE: _____

DATE: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR WILLARD PEASE OIL AND GAS COMPANY							
3. ADDRESS OF OPERATOR 570 Kennecott Building, Salt Lake City, Utah							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1269' FSL, 1336' FWL, Sec.11, T17S, R23E, Grand County, Utah At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 12/29/76				16. DATE T.D. REACHED 1/14/77		17. DATE COMPL. (Ready to prod.) 1/16/77	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7365' G.L.				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6608'		21. PLUG, BACK T.D., MD & TVD DXA		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DXA						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
10 3/4"	40.5	171'	12 1/4	100 Sx REG + 3% CaCl ₂		NONE	
7"	20	3048'	8 3/4	60 Sx REG + 3% CaCl ₂		1235'	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) PLUGS @: 6400' - 6250': 25 Sx Surface: 10 Sx 3050' - 2950': 25 Sx w/Reg- 1235' : 35 Sx ulation 175' - 100': 40 Sx Marker				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION							
DATE FIRST PRODUCTION DXA		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) DXA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>John Gordon</u>		TITLE <u>Consulting Engineer</u>			DATE <u>2-28-77</u>		

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

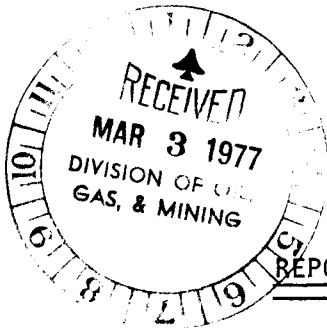
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Surface to T.D.		Air or air mist drilled. No evidence of hydrocarbons present. Fresh water encountered @ 6608'.		Mesa Verde Mancos Dakota	Surface 2600' 6400'	

0.5
FORM OGC-8-X
FILE IN QUADRUPLICATE



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number WESTWATER FEDERAL M-12

Operator WILLARD PEASE OIL & GAS COMPANY

Address 570 KENNECOTT BUILDING, SALT LAKE CITY, UTAH 84133

Contractor WILLARD PEASE DRILLING COMPANY

Address P. O. BOX 548, GRAND JUNCTION, COLORADO 81501

Location SE 1/4, SW 1/4, Sec. 11; T. 17 ~~N~~_S R. 23 ~~E~~_W; GRAND County

Water Sands:

	Depth: From- To-	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	<u>0 - 3048'</u>	<u>UNKNOWN</u>	
2.	<u>3048' - 6608'</u>	<u>NONE</u>	
3.	<u>6608'</u>	<u>UNKNOWN</u>	<u>FRESH</u>
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

MESA VERDE: SURFACE
MANCOS: 2600'
DAKOTA: 6400'

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

WILLARD PEASE DRILLING CO.

P. O. Box 548

Phone 242-6912

2457 Industrial Blvd.

GRAND JUNCTION, COLORADO 81501

March 4, 1977

Cathy

Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Pat Driscoll
Chief Petroleum Engineer

Dear Sir:

Enclosed herewith are copies of the Dowell and Halliburton Cementing companies on the M-11, M-12 and the 10-1 wells located in Grand County, Utah. I am sending you these plug and abandon tickets as per request of Don Quigley.

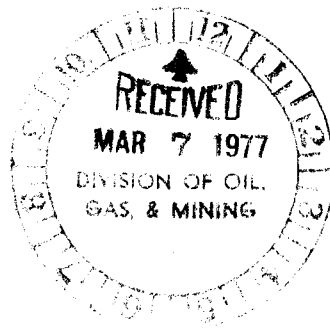
If I can be of any other help to assist in getting these reports that you require in your hands whereby we can continue as in the past to receive our drilling permits timely, please feel free to contact me. I remain,

Yours truly,

WILLARD PEASE DRILLING CO.

By *Willard H. Pease*
Willard H. Pease, President

WHP/mk

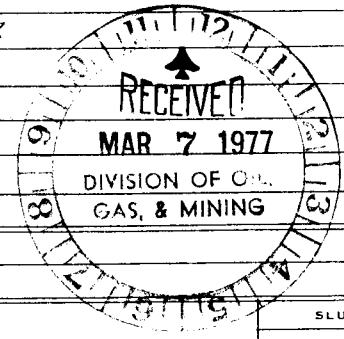


FORMATION: M-12
COUNTY: Grand
NAME: Pease Oil & Gas
AND: P.O. Box 549
ADDRESS: Grand Junction Colo
SPECIAL INSTRUCTIONS: West well
R. Bouden
Utah
ZIP CODE:

RIG NAME: Pease Pulling
WELL DATA
HOLE SIZE: 6 1/8 CASING OR LINER: 7 1/2
DEPTH: 6408 SIZE-WEIGHT: 9R
ROT: TOP
BHST: BOTTOM
BHLT: GRADE & THREAD
BHCT: CAPACITY
MUD: TYPE: WT.: VISC.:
FLOAT: TYPE: DEPTH:
SHOE: TYPE: DEPTH:
TBG: DO.P. HEAD & PLUGS: DOUBLE
SIZE: 3 1/2 WEIGHT: 1330
GRADE: IF THREAD: IF
NEW: USED TOP: R W:
DEPTH: 6400 BOT: R W:
CAPACITY: OTHER:

PRESSURE LIMIT: PSI BUMP PLUG TO: PSI MIN:
ROTATE: RPM: RECIPROCAT: FT: CENTRALIZERS NO:

TIME	PRESSURE		VOLUME PUMPED	INJECT. RATE	SERVICE LOG DETAIL
	TBG. OR D.P.	CASING			
0030					On Location hookup Held Safety Meeting
0035	0	0	5 BBLs	3BPM	Pump 5 BBLs water ahead
0040	0	0	5 BBLs	5BPM	Started Cement
0041	0	0	4 1/2	5BPM	start displacement
					shut down
0020	0	0	5 BBLs	3BPM	Pump water
0025	0	0	1 BBLs	3BPM	started Cement
0030	0	0	21 BBLs	5BPM	start displacement
					shut down
2040	0	0	1 bbls		Pump 1 bbl water
2041	0	0	7 bbls	3BPM	start Cement
2046	0	0	9.5 bbls	5BPM	start displacement
					shut down
2245	0	0	10 BBLs	5BPM	Pump 10 bbls water ahead
2247	0	0	9 BBLs	3BPM	start Cement
2250	0	0	1 BBL		start Displacement
					shut down



COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
SYSTEM CODE	NO. OF SACKS	YIELD CU.FT/SK	VOL.	WT.
1.	135	1.145	22.5 bbl	15.8
2.				
3.				

BREAKDOWN FLUID: WT.: 135 SACKS MIXED: 135 PUMPED: 135
HESITATION SO.: RUNNING SQ.: CIRCULATION LOST: YES: NO:
PRESSURE MAX: MIN:
CEMENT CIRCULATED TO SURF.: YES: NO:
CEMENT LEFT IN PIPE: FT:
BREAKDOWN: PSI: 130 FINAL: 130 PSI:
WASHED THRU: YES NO: FT: MEASURED: DISPLACEMENT WIRELINE:
TYPE: OIL STORAGE: BRINE/WATER: CUSTOMER REPRESENTATIVE:
WELL: GAS INJECTION: WILDCAT:
DOES CUSTOMER CONSIDER SERVICE: SATISFACTORY UNSATISFACTORY: UNKNOWN:

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLIC
(Other instructions (verse side))Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL-071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

M-12

10. FIELD AND POOL, OR WILDCAT

WESTWATER

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec. 11, T17S, R23E, SLB & M

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

7365' G.L.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Abandon

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Spudded Well @ 5:00 PM 12/29/76.

Ran and cemented 171' of 10 3/4" - 40.5# Casing. Cemented to surface with 100 Sx Regular cement + 3% CaCl₂.Ran and cemented 3048' of 7"-20# Casing. Cemented with 60 Sx Regular plus 3% CaCl₂.

Drilled to a total depth of 6608' with air or air mist. No hydrocarbons were present and water was encountered at 6608'.

Formations @:

Mesa Verde: Surface

Mancos: 2600'

Dakota: 6400'

Unable to Log below 6470'

Plugs @:

6400' - 6250': 25 Sx

3050' - 2950': 25 Sx

1235' : 35 Sx

175' - 100': 40 Sx

Surface : 15 Sx w/Regulation Marker

Pulled 1235' of 7" Casing.

Operations complete 1/16/77.

Verbal approval obtained from Mr. E. W. Gynn @ 4:30 PM 1/14/77.

Restoration of the surface disturbance should be completed by May 31, 1977.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Consulting Engineer

DATE 2/28/77

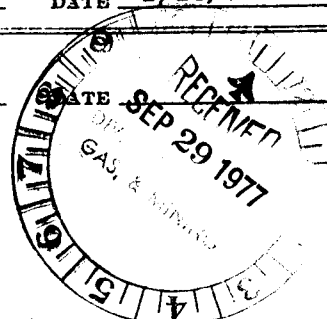
This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other Instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

SL-071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

M-12

10. FIELD AND POOL, OR WILDCAT

Westwater

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 11, T17S, R23E, SLB&M

12. COUNTY OR PARISH

GRAND

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Willard Pease Oil & Gas Co

3. ADDRESS OF OPERATOR

570 Kennecott Bldg., SLC, UT 84133

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1269' FSL, 1336' FWL, Sec 11, T17S, R23E, Grand County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7365' G.L.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
☐
☐

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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☐

FINAL

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to a total depth of 6608' with air or air mist. No hydrocarbons were present and water was encountered at 6608'.

Mudded up to 9.8 ppg.

Cement Plugs @:

6400' - 6250': 25 SX
3050' - 2950': 25 SX
1235' - : 40 SX
175' - 100': 40 SX
Surface : 15 SX w/ regulation marker

Casing: 171' cut off slightly below surface of 10 3/4"; 7" casing from 1235' to 3048'. Surface marker installed.

Drill site area has been restored and reseeded as instructed in January of 1978.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. Rhoades

TITLE

Assistant Secretary

DATE

Jan 7, 1980

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side